

#22
12-19-03
Dmt**ENTERED**

1600

RAW SEQUENCE LISTING

DATE: 08/28/2003

PATENT APPLICATION: US/08/983,474A

TIME: 14:13:50

Input Set : N:\EBONY'S\US08983474A.raw.txt

Output Set: N:\CRF4\08282003\H983474A.raw

SEQUENCE LISTING

1 (1) GENERAL INFORMATION:

2 (i) APPLICANT: Klatzmann, David

3 Cohen, Jacques

4 (ii) TITLE OF INVENTION: a-B C4BP-TYPE RECOMBINANT
5 HETEROMULTIMERIC PROTEINS

6 (iii) NUMBER OF SEQUENCES: 10

7 (iv) CORRESPONDENCE ADDRESS:

8 (A) ADDRESSEE: VENABLE, BAETJER, HOWARD & CIVILETTI, LLP

9 (B) STREET: 1100 New York Avenue, N.W., Suite 300 East

10 (C) CITY: Washington

11 (D) STATE: DC

12 (E) COUNTRY: USA

13 (F) ZIP: 20005

14 (v) COMPUTER READABLE FORM:

15 (A) MEDIUM TYPE: Floppy disk

16 (B) COMPUTER: IBM PC compatible

17 (C) OPERATING SYSTEM: PC-DOS/MS-DOS

18 (D) SOFTWARE: PatentIn Release #1.0, Version #1.30

19 (vi) CURRENT APPLICATION DATA:

C--> 20 (A) APPLICATION NUMBER: US/08/983,474A

C--> 21 (B) FILING DATE: 30-Jun-1998

22 (viii) ATTORNEY/AGENT INFORMATION:

23 (A) NAME: Gollin, Michael A.

24 (B) REGISTRATION NUMBER: 31,957

25 (C) REFERENCE/DOCKET NUMBER: 31640-134353

26 (2) INFORMATION FOR SEQ ID NO: 1:

27 (i) SEQUENCE CHARACTERISTICS:

28 (A) LENGTH: 20 base pairs

29 (B) TYPE: nucleic acid

30 (C) STRANDEDNESS: single

31 (D) TOPOLOGY: linear

32 (ii) MOLECULE TYPE: other nucleic acid

33 (A) DESCRIPTION: /desc = "primer"

34 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

35 GAGACCCCG AAGGCTGTGA

20

37 (2) INFORMATION FOR SEQ ID NO: 2:

38 (i) SEQUENCE CHARACTERISTICS:

39 (A) LENGTH: 29 base pairs

40 (B) TYPE: nucleic acid

41 (C) STRANDEDNESS: single

42 (D) TOPOLOGY: linear

43 (ii) MOLECULE TYPE: other nucleic acid

RAW SEQUENCE LISTING

DATE: 08/28/2003

PATENT APPLICATION: US/08/983,474A

TIME: 14:13:50

Input Set : N:\EBONY'S\US08983474A.raw.txt

Output Set: N:\CRF4\08282003\H983474A.raw

```

44      (A) DESCRIPTION: /desc = "primer"
45      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
46      CTCGAGTTAT AGTTCTTTAT CCCAAGTGG                                29
48 (2) INFORMATION FOR SEQ ID NO: 3:
49      (i) SEQUENCE CHARACTERISTICS:
50          (A) LENGTH: 28 base pairs
51          (B) TYPE: nucleic acid
52          (C) STRANDEDNESS: single
53          (D) TOPOLOGY: linear
54      (ii) MOLECULE TYPE: other nucleic acid
55          (A) DESCRIPTION: /desc = "primer"
56      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
57      GCGGCCGCAG AGACCCCGCA AGGCTGTG                                28
59 (2) INFORMATION FOR SEQ ID NO: 4:
60      (i) SEQUENCE CHARACTERISTICS:
61          (A) LENGTH: 23 base pairs
62          (B) TYPE: nucleic acid
63          (C) STRANDEDNESS: single
64          (D) TOPOLOGY: linear
65      (ii) MOLECULE TYPE: other nucleic acid
66          (A) DESCRIPTION: /desc = "primer"
67      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
68      CCACTTTGGA TAAAGAACTA TAA                                23
70 (2) INFORMATION FOR SEQ ID NO: 5:
71      (i) SEQUENCE CHARACTERISTICS:
72          (A) LENGTH: 36 base pairs
73          (B) TYPE: nucleic acid
74          (C) STRANDEDNESS: single
75          (D) TOPOLOGY: linear
76      (ii) MOLECULE TYPE: other nucleic acid
77          (A) DESCRIPTION: /desc = "primer"
78      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
79      ATTTCTAGAG AGTTATAGTT CTTTATCCAA AGTGGA                                36
81 (2) INFORMATION FOR SEQ ID NO: 6:
82      (i) SEQUENCE CHARACTERISTICS:
83          (A) LENGTH: 46 base pairs
84          (B) TYPE: nucleic acid
85          (C) STRANDEDNESS: single
86          (D) TOPOLOGY: linear
87      (ii) MOLECULE TYPE: other nucleic acid
88          (A) DESCRIPTION: /desc = "primer"
89      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:
90      CCGGGACAGG TCCTGCTGGA ATCCAACATC AAGGTTCTGC CCACAG                                46
92 (2) INFORMATION FOR SEQ ID NO: 7:
93      (i) SEQUENCE CHARACTERISTICS:
94          (A) LENGTH: 57 amino acids
95          (B) TYPE: amino acid
96          (C) STRANDEDNESS:
97          (D) TOPOLOGY: linear

```

RAW SEQUENCE LISTING

DATE: 08/28/2003

PATENT APPLICATION: US/08/983,474A

TIME: 14:13:50

Input Set : N:\EBONY'S\US08983474A.raw.txt

Output Set: N:\CRF4\08282003\H983474A.raw

```

98      (ii) MOLECULE TYPE: peptide
99      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:
100      Glu Thr Pro Glu Gly Cys Glu Gln Val Leu Thr Gly Lys Arg Leu Met
101      1          5          10          15
102      Gln Cys Leu Pro Asn Pro Glu Asp Val Lys Met Ala Leu Glu Val Tyr
103      20          25          30
104      Lys Leu Ser Leu Glu Ile Glu Gln Leu Glu Leu Gln Arg Asp Ser Ala
105      35          40          45
106      Arg Gln Ser Thr Leu Asp Lys Glu Leu
107      50          55
109 (2) INFORMATION FOR SEQ ID NO: 8:
110      (i) SEQUENCE CHARACTERISTICS:
111          (A) LENGTH: 57 amino acids
112          (B) TYPE: amino acid
113          (C) STRANDEDNESS:
114          (D) TOPOLOGY: linear
115      (ii) MOLECULE TYPE: peptide
116      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:
117      Glu Ala Pro Lys Pro Glu Cys Glu Lys Ala Leu Leu Ala Phe Gln Glu
118      1          5          10          15
119      Ser Lys Asn Leu Cys Glu Ala Met Glu Asn Phe Met Gln Gln Leu Lys
120      20          25          30
121      Glu Ser Gly Met Thr Met Glu Glu Lys Tyr Ser Leu Glu Leu Lys
122      35          40          45
123      Lys Ala Glu Leu Lys Ala Lys Leu Leu
124      50          55
126 (2) INFORMATION FOR SEQ ID NO: 9:
127      (i) SEQUENCE CHARACTERISTICS:
128          (A) LENGTH: 40 amino acids
129          (B) TYPE: amino acid
130          (C) STRANDEDNESS:
131          (D) TOPOLOGY: linear
132      (ii) MOLECULE TYPE: peptide
133      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:
134      Cys Leu Pro Asn Pro Glu Asp Val Lys Met Ala Leu Glu Val Tyr Lys
135      1          5          10          15
136      Leu Ser Leu Glu Ile Glu Gln Leu Glu Leu Gln Arg Asp Ser Ala Arg
137      20          25          30
138      Gln Ser Thr Leu Asp Lys Glu Leu
139      35          40
141 (2) INFORMATION FOR SEQ ID NO: 10:
142      (i) SEQUENCE CHARACTERISTICS:
143          (A) LENGTH: 37 amino acids
144          (B) TYPE: amino acid
145          (C) STRANDEDNESS:
146          (D) TOPOLOGY: linear
147      (ii) MOLECULE TYPE: peptide
148      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:
149      Cys Glu Ala Met Glu Asn Phe Met Gln Gln Leu Lys Glu Ser Gly Met

```

RAW SEQUENCE LISTING

DATE: 08/28/2003

PATENT APPLICATION: US/08/983,474A

TIME: 14:13:50

Input Set : N:\EBONY'S\US08983474A.raw.txt

Output Set: N:\CRF4\08282003\H983474A.raw

150	1	5	10	15												
151	Thr	Met	Glu	Glu	Leu	Lys	Tyr	Ser	Leu	Glu	Leu	Lys	Lys	Ala	Glu	Leu
152			20						25					30		
153	Lys	Ala	Lys	Leu	Leu											
154			35													

VERIFICATION SUMMARY

DATE: 08/28/2003

PATENT APPLICATION: US/08/983,474A

TIME: 14:13:51

Input Set : N:\EBONY'S\US08983474A.raw.txt

Output Set: N:\CRF4\08282003\H983474A.raw

L:20 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]

L:21 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]

STATISTICS SUMMARY

DATE: 08/28/2003

PATENT APPLICATION: US/08/983,474A

TIME: 14:13:51

Input Set : N:\EBONY'S\US08983474A.raw.txt

Output Set: N:\CRF4\08282003\H983474A.raw

Application Serial Number: US/08/983,474A

Alpha or Numeric or Xml: Alpha

Application Class:

Application File Date: 06-30-1998

Art Unit: 1600

Software Application: PatentIN1.0

Total Number of Sequences: 10

Total Nucleotides: 182

Total Amino Acids: 191

Number of Errors: 0

Number of Warnings: 0

Number of Corrections: 2

MESSAGE SUMMARY

220 C: 2 (Keyword misspelled or invalid format)